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E112/E435

New ceramics ...

100°C); $\tan \delta = 3.4 \times 10^{-4}$ (1 Mc/s, 20°C); $\epsilon = 7.4$ (at 1 Mc/s); thermal capacitance coefficient at 10 Mc/s (20-80°C) = $75 \times 10^{-6} / ^\circ\text{C}$; spec. internal resistance at 50 cps, 20°C = $10^{14} \Omega/\text{cm}$; spec. surface resistance at 50 cps, 20°C = $10^{14} \Omega$; electric strength at 50 cps = 32 kV/mm. The following additional graphs are included: 1: thermogravimetric curve for the mixture of kaolin with BaCO₃, showing losses of weight (in %) with increase of temperature; 2: specific gravity and density vs. composition of mixture; 3: compressive strength vs. composition; 4: bending strength vs. composition; 5: coefficient of thermal expansion vs. composition; 6: thermal coefficient vs. composition. There are 6 figures, 4 tables and 9 references: 6 Soviet-bloc and 3 non-Soviet-bloc. The three references to English language publications read as follows: W.Bloch: Patent Brit. 649 936 - 1950; G.Harman, R.D.Fenity: US Patent 2,878,130; G.W.Brindley, M.Nakahira: J.Amer.Ceram.Soc. 42,314 (1959).

ASSOCIATIONS: Elektrokeramika, n.p., Praha (Elektrokeramika, Prague); Katedra technologie silikátů, VŠCHT Praha (Chair of Silicate Technology, University of

Card 4/6

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Z/012/61/000/003/002/004
E112/E435

New ceramics ...

Chemical Technology, Prague)

SUBMITTED: January 10, 1961



Fig.1.

Card 5/6

HANYS, J.; KAZDA, J.

Contribution to the problem concerning removal of phenol water. p. 283.

SYLAR A KERAMIK. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia,
Vol. 9, no. 9, Sept. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1,
Jan. 1960.

Uncl.

CZECHOSLOVAKIA

HANYSOVA, Z.; CHLOUPKOVA, K.; BOJANOVSKY, J.; BOUCHAL, M.;
SYNKOVA, J.; Psychiatric Clinic, J.E. Purkyne University, Brno.
Original version not given.

"A Clinical Comparison of a Placebo, Diazepam, and Diazepoxide at Short-Time Application in Neuroses."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp 438 - 439

Abstract: A comparison between diazepoxide (Librium Roche) and diazepam (Valium) was made in an investigation conducted on 37 hospitalized patients (20 neurasthenias, 12 depressive neuroses, 4 anxious neuroses, and 1 mixed neurosis). 10 mg of Valium and 30 mg of Librium were used as one dose. An improvement was achieved with both drugs, but a deterioration occurred with the placebo. Valium acts better on neuroses than librium. The anxiolytic effect of both drugs was the same. No references. Submitted at the 8th Psychopharmacological Meeting at Jesenik, 18 - 22 Jan 66. Article is in English.

1/1

67

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617910005-2"

"Could the freight thru the crowded sections of Alpinia not be reduced?"
p. 13. (MILITARIS, Vol. 9, no. 3, Feb. 1953, Belgrad.)

SO: Monthly List of East European Acquisitions, Vol. 1, #1, Library of Congress
August, 1953, incl.

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Occurrence of the field mouse Microtus oeconomus mehlyi EHIK in
Czechoslovakia. p. 164. Prague. CASOPIS; ODDIL PRIRODOVEDNY. Vol.
123, no. 2, 1954.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

HANZAK, J.; HANAK, V.

Notes on the occurrence and biology of the bat, Myotis bechsteinii (Kuhl, 1818). p. 19. (CASOPIS; ODDIL PRIRODOVEDNY, Vol. 126, No. 1, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

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SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

AUTHOR: Hanzak, Jan, Doctor (Prague) 26-58-2-16/48

TITLE: Ornithology in Czechoslovakia (Ornitologiya v Chekhoslovakii)

PERIODICAL: Priroda, 1958, Nr 2, pp 71-74 (USSR)

ABSTRACT: The article deals with the present state of ornithological research in Czechoslovakia being carried out mainly by the Institutes of Zoology at: Karlovyy universitet (Charles University) in Prague; Universitet imeni Ya.A. Komenskogo (University imeni Ya.A. Komenskiy) in Bratislava; Vysshaya sel'skokhozyaystvennaya shkola (Agricultural High School) in Brno; the Ornithological Group of the Laboratory for the Zoology of Vertebrates of the Czech Academy of Sciences in Brno and the Natsional'nyy muzey (National Museum) in Prague. The author gives a brief review of the work that is being done by each institution in making collections of birds, studying the faunistics, ecology, morphology, population ecology, numerity, feeding habits, nesting, etc. Czechoslovakia has 348 recorded types of birds, of which 215 nest in the country. The author mentions the great part played by the Chekhoslovatskoye ornitologicheskoye obshchestvo (The Czech Ornithological Society) in field work, observation and bird protection. Some new species of birds that are settling or spreading in Czechoslovakia are mentioned.

Card 1/2

Ornithology in Czechoslovakia

26-58-2-16/48

There are 2 photos.

1. Ornithology--Czechoslovakia

Card 2/2

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Central Intelligence Agency - classified - 09/19/2001

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GANZAK, JAN [Hanzak, Jan], doktor (Praga)

Ornithology in Czechoslovakia. Priroda 47 no.2:71-74 F '58.
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(Czechoslovakia--Ornithology)

HHK *L.H.L.*
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Intracranial fluid examination in pneumoencephalography. Neur.
& Psychiat. cesk. 14 no. 1/10-21 Feb 1951. (CLML 20:11)

1. Of the Neurological Clinic (Head -- Prof. K. Henner, M.D.)
of Charles University, Prague.

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Cerebrospinal fluid during intracranial expansive processes.
Neur. psychiat. cesk. 15 no. 1-2:65-70 Apr 1952. (CLML 22:3)

1. Of the Neurological Clinic (Head--Prof. K. Henner, M. D.)
of Charles University, Prague.

KAVALEK, M. & J. KLEIBA, Karlova Univ., Praha. "Disease of the brain in the Czechoslovakian mixed forests." Acta Med. Czec. 1950, 10/10 (1950-3-10)

(4923)

This is an infection of viral origin, the vector being Ixodes ricinus from the Czechoslovakian mixed forests. It is related to louping-ill and to the Russian encephalitis of Spring and Summer. The 4 types of the course are described: the abortive, and the meningitic, which runs a course like an unlocalized serum meningitis. Third is the meningoencephalitic course, with its mixed symptomatology of the meninges, white and grey cerebral matter, the accent lying on the latter. The characteristic syndrome is that of extrapyramidal and cerebellar symptoms combined, rarely seen in other forms of encephalitis. The 4th course is a myelomeningitic one. The laboratory findings are mentioned and the differential diagnosis from poliomyelitis is discussed.

Block-Amsterdam (X, 8, 6)

So: Excerpta Medica, Vol.3, No.3, Sect. VI, August, 1950

HANZAL, Fr.

DRECHSLER, B.,Dr; HANZAL, Fr,Dr; LESNY, I.,Dr; STEIN, J.,Dr.

Electroencephalography in viral encephalitis. Neur. & psychiatrist.
cesk. 17 no.3:168-179 Je'54.

1. Z neurlogicke kliniky Karlovy university v Praze, prednosta
prof. Dr K.Henner.

(ELECTROENCEPHALOGRAPHY, in various diseases,
*encephalitis, epidem.)
(ENCEPHALITIS, EPIDEMIC, manifestations,
*EEG)

HANZAL, Frantisek , M.D.

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Pain of the upper extremities due to neurogenic etiology. Prakt. lek. 34 no.13:290-292 Jy '54.

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(ARM, diseases,
*pain, neurogenic etiol.)

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*arms, neurogenic etiol.)

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cesk. 18 no.2:107-113 Mar 55.

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(CEREBROSPINAL FLUID,

sugar ratio to lactic acid)

(CARBOHYDRATES, in cerebrospinal fluid,

ratio to lactic acid)

(LACTIC ACID, in cerebrospinal fluid,

ratio to sugar)

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(NEUROLOGY
penicillin in)
(PENICILLIN, ther. use
neurology)

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280-281 20 June 55.

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(ENCEPHALITIS, EPIDEMIC, therapy
antibiotics)
(ANTIBIOTICS, ther. use
encephalitis, epidemic)

HANZAL, Frantisek, Dr.

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reference to differential diagnosis. Cas. lek. cesk. 94 no.6:
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Czech., neurol. exam., differ. diag.)

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(INDUSTRY AND OCCUPATION,
absenteeism, causes in Czech.)

(VITAL STATISTICS,
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CZECHOSLOVAKIA/Human and Animal Physiology - Blood Chemistry. T-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45875

Author : Hanzal, Frantisek; Vymazal, Josef; Novorkova, Barbora

Inst : -
Title : Protein Modifications in Tubercular Inflammations of
the Spinal Cord Membranes.

Orig Pub : Ceskosl. neurol., 1956, 19, No 1, 15-23.

Abstract : Blood serum (BS) proteins and spinal cord fluid (SCF) proteins were examined in 112 patients with tubercular meningitis with the microelectrophoretic paper method. The 2^- and $-$ -globulin (I) contents in BS increased by 1½-2 times in acute stages of the disease, whereas 1^- and $-$ -globulin (II) contents showed relatively smaller increases. The amount of albumin (III) decreased by 20 percent and more. In SCF, the amount of 1^- -globulins was relatively higher than the amounts of 2^- -globulins; I amounts rose considerably.

Card 1/2

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Cesk. neur. 19 no.1:29-34 Mar 56.

1. Klinicky asistent Neurologicka klinika KU, prednosta
akademik K. Henner.
(ENCEPHALITIS, EPIDEMIC, epidemiology,
in Czech., tick-borne encephalitis. (Cx))

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Hemorrhagic encephalitis. Cesk. neur. 19 no.1:35-41 Mar 56.

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(ENCEPHALITIS, case reports,
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Herrin & Tipp, L

VYVATKA, J.; HANZAL, F.

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Dr. v. neur. 20 no.5:293-306 Sept 57.

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(NERVOUS SYSTEM, dis.

changes in protein levels in blood & CSF in infect.

nervous dis. (Cx))

(COMMUNICABLE DISEASES,

nervous system, changes in blood & CSF protein levels (Cx))

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CZECHOSLOVAKIA / General Problems of Pathology. Tumors. U-7
Comparative Oncology. Tumors in Humans.

Abs Jour: Ref Zhur-Biol., No 15, 1958, 70920.

Author : Bednar Blahoslav, Hanzal Frantisek.

Inst : Not given.

Title : Primary Reticulosarcoma with Encephalic Sympathomatology and Microglioma.

Orig Pub: Casop. lekatu. ceskych. 1957, 96, No 31, 973-979.

Abstract: On the basis of a study of the clinical picture, the pathological and the anatomical data of two cases of primary reticulosarcoma of the cerebrum, and two cases of microglioma, the authors discuss the problems of a differential diagnosis of these conditions. A primary reticulosarcoma of the cerebrum is manifested by symptoms similar to a sub-chronic encephalitis. The pathological and

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Hyperimmune gamma-globulin in the prophylaxis and treatment of tick-borne encephalitis. Rev. Czech. M. 5 no.3:186-191 1959

1. Clinic of Neurology, Charles University, Prague, Neuroinfectious Diseases Department.
(ENCEPHALITIS EPIDEMIC, ther.) (GAMMA GLOBULIN, ther.)

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Acute disperse myelitis - a new clinical entity. Cas. lek. cesk. 98 no.1:
1-7 3 Jan 59.

1. Neurologicka klinika KU v Praze, neuroinfekcni oddeleni, prednosta
akademik K. Henner.

(MYELITIS

acute disperse myelitis as new clin. entity (Cz))

HANZAL, F.; PROCHAZKOVA, Z.

Early neurological complications in bacterial endocarditis.
Cesk. neurol. 23(56) no.7:451-457 '60.

1. Neurologicka klinika KU v Praze, prednosta akad. prof. K. Henner;
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HANZAL, F.; PROCHAZKOVA, Z.; SIMONOVA, O.

Clinical significance of pleocytosis in the cerebrospinal fluid.
Cesk. neur. 24 no.2:104-109 Mr '61.

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(CEREBROSPINAL FLUID chem)
(LYMPHOCYTOSIS cerebrospinal fluid)

KREJCI, O.; VYSOKA, B.; HANZAL, Fr.; REHANEK, L.; MANYCH, J., technicka
spoluprace Polesna, D.

Generalized cryptococcosis (torulosis). Cas.lek.cesk 100 no.16:484-492
21 Ap '61.

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K. Raska. Neurologicka klinika KU v Praze, prednosta akademik K. Henner.
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(CRYPTOCOCCOSIS case reports)

CHAPTER 13: THE FEDERAL BUDGET AND FEDERAL BUDGET DEFICITS

Immunoelectrophoresis: **1** **2** **3** **4** **5** **6** **7** **8** **9** **10** **11** **12** **13** **14** **15** **16** **17** **18** **19** **20** **21** **22** **23** **24** **25** **26** **27** **28** **29** **30** **31** **32** **33** **34** **35** **36** **37** **38** **39** **40** **41** **42** **43** **44** **45** **46** **47** **48** **49** **50** **51** **52** **53** **54** **55** **56** **57** **58** **59** **60** **61** **62** **63** **64** **65** **66** **67** **68** **69** **70** **71** **72** **73** **74** **75** **76** **77** **78** **79** **80** **81** **82** **83** **84** **85** **86** **87** **88** **89** **90** **91** **92** **93** **94** **95** **96** **97** **98** **99** **100** **101** **102** **103** **104** **105** **106** **107** **108** **109** **110** **111** **112** **113** **114** **115** **116** **117** **118** **119** **120** **121** **122** **123** **124** **125** **126** **127** **128** **129** **130** **131** **132** **133** **134** **135** 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1. Laboratory procedures used at Mount Pitts were similar to those used at the University of Illinois by Prof. Dr. C. L. Smith and his students. The following description of the laboratory work is based on the methods of Prof. Dr. C. L. Smith (University of Illinois) and on the methods of Prof. Dr. C. L. Smith and his students (University of Illinois).

HANZAL, F.

Inflammations of the brain. Cas.lek.cesk 100 no.50:Lek Veda Zahr 265-
271 15 D '61.

(ENCEPHALITIS)

HOMOLKA, Jiri; HANZAL, Frantisek

Pepsinogen in the cerebrospinal fluid is a manifestation of disorder
of the mematoencephalic barrier. Cas. Lek. Cesk. 101 no.11:340-343
16 Mr '62.

1. Ustredni laboratore fakultni polikliniky v Praze, prednosta doc. dr.
J. Homolka, neurologicka klinika KU v Praze, prednosta akademik K.
Herner.

(PEPSINS cerebrospinal fluid)
(HEMATOENCEPHALIC BARRIER)

CZECHOSLOVAKIA

F. HANZAL, Neurology Clinic of the Faculty of General Medicine of Charles University (Neurologicka klinika fakulty všeobecného lékařství KU [Karlove University]) Head (prednosta) Academician K. HENNER, Prague.

"Incidence of Cerebral Tumors and Comments on Diagnosis."

Prague, Ceskoslovenska Neurologie, Vol 26(59), No 1, Jan 63; pp 36-44.

Abstract [English summary modified]: Data on 559 cases, 1951-1959. Of these, histologic operative or necropsy specimens were available on 479. Classification by 23 diagnostic types and frequency of each; 11 classes of tumors. Two tables, graph; 10 Czech, 4 Soviet and 8 Western references.

1/1

CZECHOSLOVAKIA

J. STEIN, F. HANZAL and I. LESNY, Laboratory for CNS Pathophysiology, Neurology Clinic, Faculty of General Medicine, Charles University (Laborator pro patofiziologii c.n.s. neurologické kliniky fakulty všeobecného lékařství Karlove University) Head (prednosta) Academician K. HENNER, Prague.

"EEG in Various Types of Viral Encephalitis."

Prague, Ceskoslovenska Neurologie, Vol 26(59), No 3, May 63; pp 174-183.

Abstract [English summary modified]: Comprehensive data on EEG findings in 237 patients with encephalitis including 124 viral (42 Czechoslovak tick encephalitis, 16 Economo's, etc.); the most prominent changes were found in Czechoslovak tick encephalitis among which patients only 6 (14.3%) had normal EEGs. There were no EEG changes specific for encephalitis. Four EEGs, 7 tables; 6 Czech, 1 Soviet and about 30 Western references.

1/1

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SOURCE CODE: CZ/0082/66/000/002/0081/0088

AUTHOR: Hanzal, F.; Brezina, M.; Prochazkova, Z.42
23ORG: Neurological Clinic, Faculty of General Medicine, KU /headed by Academician K. Henner/, Prague (Neurologicka klinika fakulty vseobecneho lekarstvi KU); J. Heyrovsky Polarographic Institute, CSAV /headed by Academician R. Brdicka/, Prague (Polarograficky ustav J. Heyrovskeho CSAV)

22

TITLE: Polarographic examination of cerebrospinal fluid proteins

SOURCE: Ceskoslovenska neurologie, no. 2, 1966, 81-88

TOPIC TAGS: protein, central nervous system, polarographic analysis, nervous system disease, diagnostic medicine

ABSTRACT: In the majority of pathological cases the fluid proteins, when compared to those of healthy subjects, show increased polarographic activity either spontaneously or after alkali denaturing. The maximum spontaneous polarographic activity is found in acute inflammatory diseases. Application of polarographic methods in the investigation of nervous diseases is discussed. A. Kostrunkova participated in the technical work. Orig. art. has: 1 figure and 1 table. [Based on authors' Eng. abst.] //JPRS//

SUB CODE: 06 / SUBM DATE: 04Jun65 / ORIG REF: 010 / OTH REF: 004

Card 1/187

02/10

1011

HANZAL, J.

General investors of the complex building of housing done by the national committees.
p.113 (Pozemni Stavby, Vol.5, no.3, Mar. 1957) Praha

SO: Monthly List of East European Accession (EEAL) LC, Vol.6, no.7, July 1957. Uncl.

BUCEK, V., MUDr.; HANZAL, J., prom. lekar.

Planning work in health communities in the Pisek district.

Cesk. zdrav. 12 no. 3: 117-123 Mr'64

1. Okresni ustav narodniho zdravi, Pisek.

*

DALIAGO, Bruno; SKALB, Jan, VYKONFIL, Rehor

First results of an economic experiment in the building industry. Prace mzd 13 no.2;79-84 F '65.

1. Pzemenni stavby National Enterprise, Brno.

HANZAL, J.

"Rockets Under the Wings of the Shtormovik", P. 321, (KRIDIA VLASTI,
Vol. 4, No. 14, July 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL) LC, Vol. 4,
No. 1, Jan. 1955, Uncl.

HANZAL, J.

"Mig-15, The World's Fastest Fighter Plane." P. 536. (SKRZYDŁA POLSKA, Vol. 10, No. 34, Aug. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

HANZAL, J.

1(2)

PHASE I BOOK EXPLOITATION

CZECH/3261

Skopal, Jan, Lieutenant-Colonel; Jan Kadlec, Engineer; Jindřich Hanzal,
Doctor; and Karl Helmich, Doctor

Rozpoznávání letadel (Aircraft Recognition) 2d ed., enl. Praha, Náš vojsko,
1958. 433 p. (Series: Knížnice letectví, sv. 19) 15,000 copies printed.

Ed.: Karel Zelený.

PURPOSE: The book is intended for military personnel and others interested in
aircraft recognition.

COVERAGE: The book is divided into three parts: a general part, treating
the development of aviation and the organization the air forces of the Western
countries; a part on the method of identification; and a special part, containing
photographs and diagrams for a kind of Czech counterpart to the Observer's Book
on Aircraft, identifying aircraft of various countries, with a chapter on Soviet
aircraft. The following Soviet aircraft are included, with specifications,
silhouettes, photographs, and/or diagrams: fighters (MIG-15, MIG-17, MIG-19,
Sukhoy 3, Yak-25), bombers (Il-28, Tu-16, Tu-Molot, Tu-20), light transport
aircraft (Il-12, Il-14, An-8 "flying whale"), heavy transport aircraft

Card 1/5

Aircraft Recognition

CZECH/3261

(Tu-104, Tu-110, An-10 "Ukraina", Il-18 "Moskva", Tu-114 "Rossiya"), training and utility aircraft (An-2 multi-purpose, An-14 "Pchelka" multi-purpose, Yak-11 trainer, Yak-12 trainer, Yak-18 trainer), helicopters (Ka-18 liaison and transport craft; Mi-1 liaison, sanitary and training craft; Mi-4 medium transport craft; Mi-6 heavy transport craft; Yak-24 "flying tandem"). The specifications also include data on possible misidentifications of some aircraft. In the introductory sections on identifying features and recognition, the author concentrates mainly on Western aircraft. There are numerous figures, among them a few photographs with data on Soviet missiles paraded on Red Square in Moscow in 1957, (pp 104-106).

TABLE OF CONTENTS:

GENERAL PART

Ch. 1. History of Flying	7
I. A historical outline of flying	7
II. Survey of the development of military aviation in 1912-1922	9
III. Aviation and military science; preparations for World War II	14
IV. World War II and aviation	19
V. Lessons from World War II	43

Card 2/5

Aircraft Recognition

CZECH/3261

Ch. 2. Air Force Organization

I. Organizational set-up of the US Air Force and the air forces of other capitalist countries	45
II. Main air commands and sub-divisions of the US Air Force and the air forces of other capitalist countries	47

Ch. 3. Equipment and Armament of Military Aircraft of Capitalist Countries

58

IDENTIFICATION METHOD

Ch. 4. Classification of Aircraft by Type and Their Description

67

I. Aircraft in general	72
II. Gyroplanes	84
III. Helicopters	84
IV. VTOL	85
V. Pilotless combat craft [rockets, missiles]	90

Card 3/5

Aircraft Recognition

CZECH/3261

Ch. 5. Aircraft Recognition	109
I. Importance of aircraft recognition	109
II. Possible ways of recognition	111
III. Identifying features of aircraft	112
A. Wings	114
B. Engines	117
C. Tail assembly	121
D. Identifying features underneath	124
E. Fuselage	124
IV. Some special types of aircraft	125
V. Markings of aircraft	125
VI. Typical markings of military aircraft of Western countries	127
Ch. 6. Training for Recognition	138

Card 4/5

Aircraft Recognition

CZECH/3261

SPECIAL PART

Ch. 7. Fighters	146
Ch. 8. Bombers	236
Ch. 9. Transport Aircraft	286
Ch. 10. Auxiliary Aircraft (Liaison, Reconnaissance, Training)	355
Ch. 11. Helicopters	384
Ch. 12. Aircraft of the Soviet Union	403
Ch. 13. Conclusions	431

AVAILABLE: Library of Congress

Card 5/5

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32(1)

CZECH/3-59-9-25/39

AUTHOR: Hanzal, Jindrich

TITLE: Crises knocks on the Door of Capitalistic Airlines (Krise buší na vrata kapitalistických leteckých společností)

PERIODICAL: Křídla Vlasti, 1959, Nr 9, p 18 (CSR)

ABSTRACT: Author deals with difficulties of Western Airlines.
There is 1 photo.

Card 1/1

HANZAL, Slavomir

Beginnings of the worker-peasant union in eastern Slovakia, 1918-1924.
Sbor VST Kosice no. 2:111-123 '63.

1. Chair of Marxism-Leninism, Higher School of Technology, Kosice.

HANZAL, M., inz.

Mobile Chirana ambulance equipped with X-ray apparatus, Jemna mech
opt 5 no.5:154-155 My '60.

1. Chirana, Praha.

HANZAL, M., inz. . .

Dental ambulance Chirana. Jemna mech opt 5 no.10:324-326 0 '60.

1. Chirana, n.p., Praha.

HANZAL, Stefan, MUDr.

Tasks and significance of a regional research institute of
sanitary education in modern development of public health.
Cesk. zdravot. 4 no.6:316-319 June 56.

1. Riaditel' Oblastneho Vyskumneho ustavu zdravotnickej osvety
v Bratislave.
(PUBLIC HEALTH, education
in Czech. (Cz))

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their
Application. Chemical Engineering.

H-2

Abs Jour: Ref. Zhur-Khim., No 2, 1959, 4925.

Author : Stelsovsky E., Manzalek J., Servus S.

Inst :
Title : Jet Gas Purifier.

Orig Pub: Strojirenstvi, 1958, 8, No 1, 3-7.

Abstract: A jet gas purifier is used to eliminate highly dispersed particles from a gas. It consists of a Venturi tube, into which the gas to be purified flows at a speed of 50 - 150 m/sec and the atomized liquid is fed simultaneously, and of a cyclone. The formed drops of the liquid moisten and aggregate the particles present in the gas, after which they are eliminated from the gas in the cyclone. Graphs showing the dependence of the effectiveness of the work of the gas purifier on the velocity of the gas, on the size of drops and on

Card : 1/2

4

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Application. Chemical Engineering.

H-2

Abs Jour: Ref. Zhur-Khim., No 2, 1959, 4925.

the amount of the atomized liquid are presented. Data concerning the work of a gas purifier used for the purification of generator gas from drops of a liquid are given: the capacity is 5000 cub.m per hour, the diameter of the cyclone is 1.0 m and its height is 3.25 m, the initial concentration of drops of the liquid in the gas is 40 - 50 g per cub.m, the extent, to which the drops are intercepted is more than 99%, the final concentration of drops of the liquid in the gas is 0.2 - 0.4 g per cub.m, the temperature of the gas is 55 to 65° and the resistance of the gas purifier is 240 mm of water column. - Yu. Skoretskiy.

Card : 2/2

ANTOLOVA, T.; HANZEL, J.; NOVAK, A.; SONAK, R.

Apropos of diphtheria bacteria carrier states. Bratisl. lek.
listy 44 no. 5: 269-280 '64

1. Mestska hygienicko-epidemiologicka stanica v Bratislave
(riaditel: MUDr. r. Lacko) a II. detska klinika Lek.fak. Univ.
Komenskeho v Bratislave (veduca: prod. MUDr. J. Michalickova).

*

PHOTO 5.

Bourgeois sociology on the defensive; notes on the 4th World Congress of Sociology in Italy, p. 32.

PRIVOV. (Komunisticka strana Slovenska. Ustredni výbor)
Vol. 3, no. 46, Nov. 1959.

Monthly List of East European Accessions (EEA), IC, Vol. 9, No. 2, Feb. 1960.
Uncl.

DZIUBAN, M., Bratislava, Sasinkova 6; HANZEL, St.

Development of helminatology in the USSR. Lek. obzor 3 no.11:666-672
1954.

1. Z Oblastneho ustavu epidemiologie a mikrobiologie v Bratislave
(HELMINTHS
helminthol. in Russia, develop.)

11475
S/263/62/000/023/005/005
E194/E155

21,600

AUTHORS: Hanzel, Slavko, and Bremsak, France

TITLE: Equipment for continuously recording gamma-radiation

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, Izmeritel'naya tekhnika, no.23, 1962, 65, abstract 32.23.415. (Avtomatika, v.3, no.2, 1962, 80-82). (Slov., summary in English).

TEXT: A device is described for the continuous recording of γ -radiation in a nuclear pile or "hot" laboratories. The radiation detector is a halogen Geiger-Müller counter. At low radiation level (0.1-100 millirads/hour), it operates as a self-quenched counter, and with heavier radiation dosages (up to 10 rads per hour) as an ionisation chamber. The electrical circuit uses transistors, and a signal device operates if the dosage exceeds a preset limit.

[Abstractor's note: Complete translation.]

Card 1/1

HANZÉLKA, Boleslav, prof., inz. dr.

Limitation of the automobile maximum acceleration by
adhesion. Automobil Cz 7 no.10:317-321 0 '63.

HANZELKA, Jiri; ZIKMUND, Miroslav; ROZOVA, S.I. [translator]; POTEKHIN, I.I.,
redaktor; RUBINSHTEYN, G.I., redaktor; FEL'DMAN, O.I., redaktor;
NIKIFOROVA, A.N., tekhnicheskiy redaktor

[Africa of dream and of reality. Translated from the Czech] Afrika
grez i deistvitel'nosti. Perevod s cheskogo S.I.Rozovoi. Moskva,
Izd-vo inostrannoi lit-ry. Vol.2. 1956. 314 p. (MLRA 10:3)
(Africa--Description and travel)

HANZEKA, JIRI.

Pres Kordillery. (Vyd. 1.) Praha, Orbis, 1957, 206 p. (Across the Cordilleras. 1st ed. illus., fold. map, bibl., notes)

GEOGRAPHY & GEOLOGY Periodicals

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 11,
Nov. 1958

GANZELKA, Irzhi [Hanzelka, Jiri]; ZIKMUND, Miroslav; BABIN, S. [translator];
NAZAROV, R. [translator]

[Across the Cordilleras; chapters from a book] Cherez Kordil'ery;
glavy iz knigi. Moskva, Pravda, 1959. 63 p. (Biblioteka "Ogonek,"
no.38). Translated from the Czech. (MIRA 12:12)
(South America--Description and travel)

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617910005-2

GANZELKA, Irzhi [Hanzelka, Jiri]; ZIKMUND, Miroslav [Zikmunt, M.];
SOUČEK, Muza [Translator]

Head-hunters. Znan., ta pratsia no.8:18-21 Ag '59.
(MIRA 13:2)
(Ecuador--Description and travel) (Jivaro Indians)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617910005-2"

HANZELKA, M.

Directional stability of automobiles. p. 180.

STROJIRENSTVI Vol. 5, no. 3, Mar. 1955

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5, no. 7 July 1956

Stanzely, J.

86. Modernization of macadam road surfaces - J. H. n-
z. 61. (Mélygödésstudományi Szemle - Vol. 4, 1951, Nr.
42, pp. 619-634, 11 figs., 2 tabs.)

Due to the present state of some highways in Hungary the cost of operating automotive vehicles is much higher than if these roads were modernized. Furthermore, the maintenance of modernized roads is cheaper than that of macadam roads. Good results have been obtained by surface treatment with a soft grade of bitumen which withstands the extreme climatic conditions of Hungary. The road surfaces suffer less damage in winter. It is advisable to spread a mixture of crushed rock and 2% tar over the sprayed bitumen coating. To avoid the formation of an inhomogeneous surface layer the above mixture should not be applied immediately. For improving the adhesiveness of the river gravel used in bituminous surface coatings the gravel should be moistened with 2% milk of lime diluted with water 1:5 and then impregnated with 2% thin coal tar. For repairs on modernized road surfaces in winter weather the use of 5-15 mm grain size dust-free crushed rock with admixed 5% by weight thin tar was found the most adequate.

MT

HANZL, D.

Propagation of fir on the Papuk. p. 282.

Periodical: SUMARSKI LIST.

Vol. 82, no. 7/8, July/ Aug. 1958.

AGRICULTURE

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Unclassified.

FALCKRAB, E.; HANZL, F.

Experiences with the vacuum extractor. *Cesk. gyn.* 28 no.3:
171-177 Ap '63.

1. Por.-gyn. odd. OUNZ v Povazskej Bystrici, veduci MUDr.
D. Slavik.
(EXTRACTION, OBSTETRICAL)

2/057/62/000/002/005/015

E192/E582

9.2583

AUTHOR: Manzl, J.

TITLE: Excitation level of piezoelectric crystal units

PERIODICAL: Československy časopis pro fysiku, no. 2,
1962, 117 - 125

TEXT: The loading of an oscillator due to a piezoelectric crystal unit (PCU) is often determined by the high-frequency current flowing in it but usually this is defined by the power dissipated in the PCU and this is referred to as the "excitation level". Some methods of measuring the excitation levels are discussed. It is shown that in the case of an oscillator with a crystal operating under series resonance conditions the excitation level N_s can be determined

indirectly by measuring the current flowing through the resistance of the crystal or measuring the voltage developed across the crystal. In general, the above methods cannot easily be used in practice. Consequently, some new methods were developed. These are based on the use of indirectly

Card 1/5

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E192/E582

Excitation level

heated thermistors, type 40 NR 11 S, whose heater has a resistance $R_T = 109 \Omega$. Such a thermistor was connected into a balanced bridge. This method of measuring the excitation level was applied to the oscillator circuit known as the crystal impedance meter, which is shown in Fig. 5. The circuit of FCU at resonance in the oscillator of Fig. 5 can be represented by the equivalent system of Fig. 11, where R_a represents the series impedance of the PCU, R_1 and R_2 are the terminating resistors and r_1 and r_2 are the impedances of the tuned circuits. Three ways of using the thermistor for measuring the excitation can be devised on the basis of the circuit of Fig. 1. In the first method, known as the 2-wattmeter method, the resistances R_1 and R_2 are replaced by the heater elements of two calibrated thermistor wattmeters (connected into bridge circuits) and, after adjusting the circuit for maximum output of the PCU, the

Card 2/5

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E192/E382

Excitation level

powers N_{R1} and N_{R2} are recorded. If the resistances of the heaters are equal, i.e. $R_1 = R_2 = R$, the excitation power is expressed by:

$$N_K = \frac{R}{R_K} \cdot \left(\frac{N_{R1}}{N_{R2}} - \frac{N_{R2}}{N_{R1}} \right)^2. \quad (2)$$

In the second case, PCU is replaced by a parallel combination of the thermistor and a resistor such that a resistance R_K is obtained, the grid current I_g being identical. This is known as the substitution method and the excitation level is expressed as:

$$N_K = N_T \frac{R_T + R_P}{R_P} \quad (3)$$

Card 3/5

Z/037/62/000/002/003/015
E192/E382

Excitation level

where N_T is the power read by the thermistor,

R_T is the heater, and

R_p is the auxiliary parallel resistance.

In the third method the heater of the thermistor is connected in parallel to PCU. After adjusting the circuit to the maximum amplitude, a power N_T is read on the thermistor and the excitation level is determined from:

$$N_K = N_T \frac{R_T}{R_K} \quad (4)$$

where R_T is the heater resistance of the thermistor.

The author thanks J. Vlček and M. Novák for their help in the laboratory measurements which made this paper possible. There are 11 figures.

Card 4/5

Excitation level

Z/037/62/000/002/005/015
E192/E582

ASSOCIATION: Tesla Lanskroun, závod 05 v Hradci Králové
(Tesla Lanskroun, 05 Works, Hradec Králové)

SUBMITTED: February 22, 1961

Fig. 1:

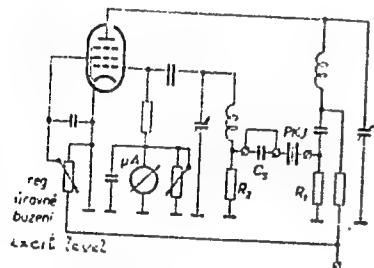


Fig. 5:

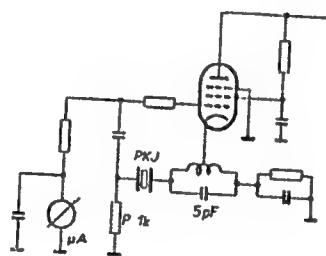
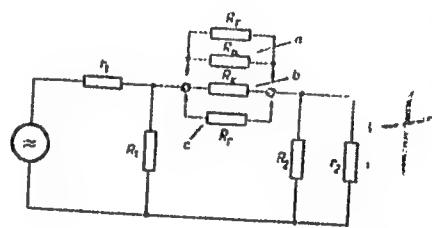


Fig. 11:



Card 5/5

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"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617910005-2

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I. II. chirurgicka klinika v Brne, prednosta prof. dr. Jan Navratil
I. patologicko-anatomicky ustav v Brne, prednosta prof. dr. Jaroslav
Svejda. Vyzkumny ustav pletarsky v Brne.
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UHLIR, Jaromir; HANZL, Josef; POTRUSIL, Bohumil; JOBANEK, Bohuslav

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(HEART ARREST experimental)

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(ADENOSINE PHOSPHATES pharmacol)

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✓ Cholinesterase activity of blood during acetylcholine, electric, Metrazole, and insulin shock. (C. Hanzlcek and V. M.)
Knobloch (Karlov Univ., Prague). *Neurol. a Psychiat.* 12, 274-83 (1949); *Excerpta Med., Sect. VIII*, 3, 727 (1950). — In these types of shock treatment, there is a rapid and strong increase in blood cholinesterase at the onset of the shock. This may result from stimulation of the vago-insulin system by acetylcholine, producing prolonged excitation of the sympathetic centers, which may be a factor in all convulsive treatments. W. C. Tobie

*TK
MAT*

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28 Apr '50. (CLML 19:2)

1. Of the Psychiatric Clinic of Prof. Myslivec.

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Betida Jelitk

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(MENTAL DISORDERS, diagnosis
methionine liver-function test in)
(METHIONINE
liver funct. test in diag. of ment. disord.)
(LIVER FUNCTION TEST
methionine in diag. of ment. disord.)

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Donovan's zinc sulphate reaction as substitute for Lange's test)

(CEREBROSPINAL FLUID, in various diseases

neurosyphilis, Donovan's zinc sulphate reaction as substitute for Lange's test)

(GOLD

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(FIBRIN
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in diabetes m. (Cz))

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(MENTAL DISORDERS, therapy
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CZECHOSLOVAKIA

L. HANZLICEK, Psychiatry Research Institute (Vyzkumny ustav psychiatriky)
Prague.

"Methods in Biochemical Research on Schizophrenia."

Prague, Ceskoslovenske Psychiatric, Vol 35, No 6, 1962; pp 361-364.

Abstract: An essay discussing primarily the development of theories and experience on afferentary and humoral constituents of schizophrenia; concluding with an abstract summarization of requirements for the most productive directions of forthcoming research.

1/1

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